

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
JULY 9, 2009**

COMMITTEE MEMBERS PRESENT

Jim Haselton, Committee Chair
Ed Mandich, Committee Member

STAFF PRESENT

Don Chadd, General Manager
Hector Ruiz, District Engineer
Sharon E. Smith, Secretary/Treasurer
Neil McKenna, Water Supervisor
Kris Hanberg, Wastewater Supervisor
Bob Beck, Maintenance Supervisor
Teresa Teichman, Assistant to the General Manager
Michael Perea, Special Projects Manager

PUBLIC PRESENT

No members of the public were present.

CALL TO ORDER

Committee Chair Haselton called the July 9, 2009
Engineering/Operational Committee Meeting to order at 7:06 a.m.

PUBLIC COMMENTS

Public comments were announced. There were no comments.

ORAL COMMUNICATION

There were no comments.

COMMITTEE MEMBER COMMENTS

There were no comments.

REPORT FROM THE GENERAL MANAGER

No report was provided.

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PROJECT MANAGEMENT

ITEM NO. 1A) STATUS UPDATE RELATING TO THE BAKER REGIONAL
WATER TREATMENT FACILITY

Mr. Hector Ruiz, District Engineer, provided a brief status update. The July monthly meeting for the Baker Project Committee is scheduled for July 9 at the Irvine Ranch Water District. Discussion items will include project delivery report, the technical memorandums, CEQA status, the Baker pipeline capacity and project invoices. The next scheduled meeting will take place on August 13, 2009.

A status update will be provided to the Board of Directors at the July 15, 2009 Regular Board Meeting.

Recommendation: The Engineering/Operational Committee received and filed the status update. No action necessary.

ITEM NO. 1B) STATUS UPDATE RELATING TO ROSE CANYON AND LANG
WELLS GROUNDWATER TREATMENT FACILITY UPGRADES

Mr. Ruiz stated staff has contracted with Golden State Labor Compliance for this project and all required paperwork has been submitted to the State. The local Santa Ana branch representative from the Department of Public Health has contacted the District and stated the loan papers should be forwarded to the District during the week of July 13. Staff is preparing to send the project out to bid but will wait to receive the loan documents in order to encompass all requirements of the project into the bid. Staff is also coordinating with CDM, the design consultant, to incorporate changes to the bid documents and negotiate their services for the bid phase during construction. Staff will also begin to look at sending out Request for Proposals (RFP's) for assistance with the inspections and professional services during construction. Mr. Ruiz noted the loan funds are not tied to the State budget.

A status update will be provided to the Board of Directors at the July 15, 2009 Regular Board Meeting.

Recommendation: The Engineering/Operational Committee received and filed the status update. No action necessary.

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**ITEM NO. 1C) STATUS UPDATE RELATING TO WATER CONSERVATION
ORDINANCE**

Mr. Don Chadd, General Manager, noted this will be a standing agenda item to remind committee members of the breadth and scope of the District's efforts to conserve water. Mr. Chadd stated that with the Water Conservation Ordinance in place, staff now has a new function. Michael Perea is now working in the Administration Department as the district's Special Project Manager. Michael will be performing field work and site visits as it pertains to the Waiver Appeal process.

Mr. Chadd provided a spreadsheet which shows water consumption within the District broken down by meter size. The information on the spreadsheet is broken down by tiers and reflects the number of metered connections within each tier, the gallons of water used in each tier and the dollar amount that usage translates to within each tier. Staff will utilize the high consumption report, generated by the billing system, to allow the conservation coordinator to track and make contact with customers as necessary.

Staff is reviewing the cost of hose nozzles for a possible bulk purchase.

Mr. Kris Hanberg, Wastewater Supervisor, reported he is working with staff from the Robinson Ranch Homeowner's Association to explore the cost to convert the irrigation off Robinson Ranch Road to reclaimed water. Mr. Hanberg noted the District currently has stub outs for reclaimed water on Robinson Ranch Road.

Shadow Rock Detention Basin currently has a temporary pump and generator for the capture and use of dry season water. Staff is working with an engineering firm to analyze the easement requirements for this project. Staff is also working with Southern California Edison to obtain the electrical requirements to power the site for permanent pumps. Mr. Ruiz noted there are existing power poles close to the site.

A status update will be provided to the Board of Directors at the July 15, 2009 Regular Board Meeting.

Recommendation: The Engineering/Operational Committee received and filed the status update. No action necessary.

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ITEM NO. 1D) DISCUSSION RELATING TO THE SEWER SYSTEM
MANAGEMENT PLAN (SSMP)

Mr. Ruiz provided an overview of the process which was submitted and approved by the Board approximately one and a half years ago. The State Water Resources Control Board (SWRCB) issued an order which is being administered by the San Diego Regional Water Quality Control Board. This plan requires all water agencies to have sewer collection systems regulated via the SSMP which is a summary of all the current rules and regulations as well as a pro- active approach to capital improvement projects and how spills are reported. Mr. Ruiz distributed a draft report to the Committee and advised that the final version will be presented to the Board at the time of the Regular July Board Meeting for approval. The SSMP must be submitted electronically to the State by August 2, 2009.

Mr. Ruiz stated there will be no fiscal impact from the generation of the SSMP.

Recommendation: The Engineering and Operational Committee received and filed the status updates. No action taken.

ITEM NO. 1E) STATUS UPDATE RELATED TO WATER MONITORING

Mr. Chadd noted the attached spreadsheet is another instrument for monitoring the District's monthly and cumulative water purchases during the 2009-2010 fiscal year.

As the consumption is driven by weather conditions, the District may not see traditional patterns. This monthly chart will track the District's usage as it pertains to the water allocation this fiscal year.

Recommendation: The Engineering/Operational Committee received and filed the status updates. No action necessary.

ITEM NO. 1F) DISCUSSION RELATING TO T-MOBILE TRBUCO HIGHLANDS
RESERVOIR ANTENNA INSTALLATION

Mr. Ruiz advised the District has not heard from ATS Communications regarding their current schedule. The design is complete, and the project is ready to go out to bid.

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Mr. Ruiz suggested this staff report item be moved to the On-going Engineering Project for monthly updates. Staff will provide any updates at the time of the next monthly Engineering/Operational Committee Meeting.

Recommendation: The Engineering/Operational Committee received and filed the status updates. No action necessary.

ITEM NO. 1G) DISCUSSION RELATING TO WATER RELIABILITY AND EMERGENCY STORAGE FEE

Mr. Chadd stated that the Water Reliability and Emergency Storage Fee (WRESF) is being presented as a follow up to the discussion regarding this matter at the recent Budget Workshop. Staff has formalized the WRESF and identified it as a funding mechanism that the District should apply.

Mr. Chadd pointed out that the WRESF is comprised of three projects--the Baker Regional Water Treatment Facility, the Rose Canyon and Lang Wells Upgrades to Treatment Facilities, and the Two Million Gallon Domestic Water Reservoir. The attachments in the Committee packet are a representation of what each project would cost if the projects are moved through the stratified meter rate model.

Recommendation: The Engineering/Operational Committee received and filed the status updates. No action necessary.

ITEM NO. 1H) DISCUSSION RELATING TO POTENTIAL AD VALOREM PROPERTY TAX

Mr. Chadd presented the most current information relating to the potential ad valorem property tax diversion. The District anticipated a diversion by the State of eight (8) percent though the suspension of Proposition 1A is still on the table.

Currently, the State legislative has not agreed on a budget but may actually divert more than eight percent of the property taxes. Staff has prepared a scenario, based on the eight percent reduction, which shows a twelve month collection period that moves through the stratified meter rate structure.

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Should a higher percentage of the taxes be diverted, a Special Board Meeting would be called to determine the appropriate action.

Recommendation: The Engineering/Operational Committee received and filed the status updates. No action necessary.

ITEM NO. 1I) STATUS UPDATE REGARDING ON-GOING ENGINEERING PROJECTS

1. Golf Club Lift Station Upgrades/Rehabilitation

The rehabilitation of the concrete wet well has been completed. Three submersible pumps have been ordered and are anticipated to be delivered within two to three months. The manufacturer will be providing a loaner pump in the meantime which should arrive within a week. Staff will also evaluate replacement of the two dry pit pumps.

2. Water Systems Inter Tie Reliability Study

Staff is in the process of scheduling a meeting with staff of the Irvine Ranch Water District to review the inter-ties. Staff has already met with Santa Margarita Water District and will have a current summary of all the districts inter ties and capacities at the time of the next Engineering/Operational Committee Meeting.

3. Emergency Generator, Dimension Water Treatment Plant

There is no new information to report on the status of the emergency generator for the Dimension Water Treatment Plant. Hearings on current litigation were conducted in May and June. To date no new bill has been introduced to lift the current moratorium.

4. Shadow Rock Detention Basin Project

Shadow Rock Detention Basin currently has a temporary pump and generator for the capture and use of dry season water. Staff is working with an engineering firm for an analysis of the easement requirements for this project. Staff is also working with Southern California Edison to obtain the

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electrical requirements for getting power to the site for permanent pumps. Mr. Ruiz noted there are existing power poles close to the site.

5. Other Projects

Mr. Chadd reported staff is working with DMC Engineering to investigate the extent of the District's easements along Brookseed in order to create an inter tie between Brookseed and Dove. Staff will work with the OCFA for placement of fire hydrants in that area. This project will allow the District to keep Dove reservoir full during summer months and will greatly assist in fire suppression in this remote area. Mr. Chadd noted staff may perform this project as it is on a fire road and will not involve street traffic.

Recommendation: The Engineering/Operational Committee received and filed the status updates. No action necessary.

ITEM 1J) STATUS UPDATE AND POSSIBLE ACTION REGARDING ACTIVE DEVELOPMENTS

1. Oaks at Trabuco

Mr. Chadd noted payment was received towards the developer deposit for sewage hauling.

2. Rancho Las Lomas

Mr. Ruiz stated District staff met with the developer and his fire planning consultant last month; staff is scheduled to meet with them again in July to review their plans.

3. Orange County Fire Authority Sewer System

OCFA has responded with their review comments on the draft agreement. OCFA said they have down scaled the project considerably. Staff has a conference call scheduled for the week of July 13 to review their plans and flows.

4. Other Active Developments

No other developments were discussed.

Recommendation: The Engineering/Operational Committee

received and filed the status updates. No action necessary.

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ITEM NO. 1K) WATER SYSTEM STATUS UPDATE

Mr. Neil McKenna, Water Supervisor, provided the June 2009 update.

Source Water Production

1. The water treatment plant production totaled 226 acre feet.
2. The Rose Canyon and Lang Wells produced 8.8 acre feet.
3. The average daily demand for the month of June was 8.0 acre feet, or 4.0 cfs.

Projects and Repairs

1. Water Department personnel installed two new private 1-inch water services in the canyon
2. Water Department personnel continued maintenance on the district's fire hydrants and pressure reducing stations.

Recommendation: The Engineering/Operational Committee received and filed the status updates. No action necessary.

ITEM NO. 1L) WASTEWATER SYSTEM STATUS UPDATE

Mr. Kris Hanberg, Wastewater Supervisor, provided the June 2009 status update.

Robinson Ranch Wastewater Treatment Plant

1. The reclaimed water production totaled 60.9 acre feet.
2. The recycled demand was 70 acre feet.
3. Dove Lake had 5.1 feet of freeboard.
4. The reclaimed water reservoir had 2.5 feet of freeboard.
5. The District pumped a total of 13 acre feet from Dove Lake.
6. The Dry Season Water Recovery Project produced 22.9 acre feet in June.

Projects

1. District personnel repaired a 10-inch sewer force main.
2. District personnel have finished inspecting all recycled water irrigation sites.

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3. District personnel have been monitoring, temporarily pumping, and recovering dry season water from the Shadow Rock Detention Basin.

Recommendation: The Engineering/Operational Committee received and filed the status report. No action necessary.

ITEM NO. 1M) May 2009 OPERATIONAL REPORT REVIEW

Neil McKenna, Water Supervisor, explained the newly retooled monthly Operational Report. An updated report will be provided at the time of the August Engineering/Operational Committee Meeting.

Recommendation: The Engineering/Operational Committee received and filed the report. No action necessary.

ITEM NO. 1N) ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

No changes were made to the recap.

Recommendation: The Engineering/Operational Committee recommended that the Board receive and file the June 11, 2009 Engineering/Operational Committee Meeting Recap. (Consent Calendar)

ITEM NO. 1M) OTHER MATTERS/REPORT

There were no other matters to report.

ADJOURNMENT

Committee Chair Haselton adjourned the July 9, 2009 Engineering/Operational Committee Meeting at 8:10 a.m.